

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	(multichannel or multi-channel multiple channel) photocoupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/13 21:16
S2	8	(multichannel or multi-channel or multiple channel) photocoupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 20:26
S3	24	(multichannel or multi-channel or multiple channel) same photocoupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/09 11:58
S4	16	S3 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 20:36
S5	50	((("5235505") or ("5341179") or ("6167121") or ("4807993") or ("4847873") or ("4918491") or ("4961205") or ("5005123") or ("5012279") or ("5214633") or ("5233582") or ("5382836") or ("5473203") or ("5526420") or ("5572413") or ("5637822") or ("5801877") or ("4030041") or ("4063121") or ("4068135") or ("4245331") or ("4267546") or ("4275377") or ("4276587") or ("4363121") or ("4389631") or ("4443838") or ("4443745") or ("4446746") or ("4449092") or ("4471230") or ("4499541") or ("4517548") or ("4523134") or ("4528425") or ("4553427") or ("4558226") or ("4568838") or ("4573112") or ("4572928") or ("4583091") or ("4596984") or ("4604707") or ("4626956") or ("4628268") or ("4767952") or ("4774717") or ("4794441") or ("4794637") or ("4798087"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/07 20:37
S6	5	(multichannel or multi-channel or multiple channel) same optoisolator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 21:03

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S7	14	(multichannel or multi-channel or multiple channel) same optocoupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 21:12
S8	26	(multichannel or multi-channel or multiple channel) same (opto-coupler or photo-coupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 21:23
S9	26	S8 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 21:12
S10	26	S9 not "I14"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 21:13
S11	22	S9 not S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 21:25
S12	26	(multichannel or multi-channel or multiple channel or two channel or several channel) and (time-division or time division) and (opto-coupler or photo-coupler or optocoupler or photocoupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 22:11
S13	26	S12 not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 21:25
S14	2	("5400163").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 22:09
S15	53	(time-division or time division) same (opto-coupler or photo-coupler or optocoupler or photocoupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 08:35

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S16	24	(multichannel or multi-channel or multiple channel) same photocoupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 22:12
S17	14	(multichannel or multi-channel or multiple channel) same optocoupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 22:12
S18	26	(multichannel or multi-channel or multiple channel) same (opto-coupler or photo-coupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 22:12
S19	26	S18 not S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 22:12
S20	22	S19 not S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 22:12
S21	26	(multichannel or multi-channel or multiple channel or two channel or several channel) and (time-division or time division) and (opto-coupler or photo-coupler or optocoupler or photocoupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 08:44
S22	26	S21 not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 22:12
S23	48	S15 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 22:12
S24	9	(multichannel or multi-channel or multiple channel or two channel or several channel) and (time-divided) and (opto-coupler or photo-coupler or optocoupler or photocoupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 11:15

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S25	159	(multichannel or multi-channel or multiple channel or two channel or several channel) and (time-divided or time-division) and (optical coupler or optical isolator or optoisolator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/09 12:00
S26	53	(time-division or time division) same (opto-coupler or photo-coupler or optocoupler or photocoupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 11:16
S27	159	S25 not S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 12:27
S30	5	((("5917627") or ("5692166") or ("4845391") or ("6441955") or ("5502298"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/09 11:41
S31	168	(multichannel or multi-channel or multiple channel or two channel or several channel) and (time-divided or time-division) and (optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/09 12:09
S32	159	(multichannel or multi-channel or multiple channel or two channel or several channel) and (time-divided or time-division) and (optical coupler or optical isolator or optoisolator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/09 12:00
S33	9	S31 not S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/09 12:01
S34	252	(multichannel or multi-channel or multiple channel or two channel or several channel) with (optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/09 12:10

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S35	63	(multichannel or multi-channel or multiple channel or two channel or several channel) near (optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/09 13:22
S36	16	("3413480" "4695120" "4847507" "4989935" "5089948" "5093879" "5245198" "5287376" "5332894" "5340993" "5355386" "5424573").PN. OR ("5883395").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/09 13:07
S37	6	optical signal with level coupling	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 21:58
S38	14	optical signal same level coupling	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/09 13:12
S39	8	S38 not S37	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/09 13:12
S40	13	(multichannel or multi-channel or multiple channel or two channel or several channel) near (optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler) and clock	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/09 13:27
S41	2	("4847507").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 21:29
S42	9	("4008390" "4176401" "4622586" "4678946" "4703471" "4756025").PN. OR ("4847507").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 21:39
S43	1	(matson with don).in. and fiber	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 21:40
S44	2	(matson with don).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 21:44
S45	2	("20040202442").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 21:44

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S46	1374	signal and level coupling	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 22:00
S47	625	signal and level coupling and channel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 22:00
S48	46	signal and level coupling with channel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 22:00
S49	154	(serial and time) same (opto-coupler or photo-coupler or optocoupler or photocoupler or photo isolator or photoisolator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 08:36
S50	93	serial same time same (opto-coupler or photo-coupler or optocoupler or photocoupler or photo isolator or photoisolator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 09:35
S51	2	("4253048").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/14 09:35
S52	22	("3783287" "3916251" "4072865").PN. OR ("4253048").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 09:39
S53	0	(osako with teruaki)".in.."	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 09:40
S54	2	(osako with teruaki).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:16
S55	1	level-coupled signal	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:19
S56	15	level coupling signal	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:18
S58	1412	(level coupling or level coupled or level-coupled) with (signal or channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:19
S59	275	(level coupling or level coupled or level-coupled) near (signal or channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:19
S60	0	level-coupled channel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:19

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S61	59	(level coupling or level coupled or level-coupled) (signal or channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:24
S62	44	S61 not S56	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:20
S63	73	((power or intensity) coupling or power-coupling or intensity-coupling or (power or intensity) coupled or power-coupled or intensity-coupled) (signal or channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 11:57
S64	30	((power or intensity) coupling or power-coupling or intensity-coupling or (power or intensity) coupled or power-coupled or intensity-coupled) (signal or channel) and optic\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:00
S65	104	(amplitude coupling or amplitude-coupling or amplitude coupled or amplitude-coupled) (signal or channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:18
S66	20475	(pulse amplitude modulat\$3 or PAM)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:19
S67	3861	(pulse amplitude modulat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:20
S68	0	(pulse amplitude modulat\$3 or PAM) and (multichannel or multi-channel or multiple channel or two channel or several channel) and (time-divided) and (opto-coupler or photo-coupler or optocoupler or photocoupler)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:20
S69	1492	(pulse amplitude modulat\$3 or PAM) and (multichannel or multi-channel or multiple channel or two channel or several channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:21
S70	864	S69 and optic\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:21
S71	675	(pulse amplitude modulat\$3) and (multichannel or multi-channel or multiple channel or two channel or several channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 13:50
S72	297	S71 and optic\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:38

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S73	21	S72 and (optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:22
S74	276	S72 not S73	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:39
S75	216	S74 and ((transmitter and receiver) or transceiver)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 12:39
S76	7	(pulse amplitude modulat\$3) multiplex\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 14:10
S77	11	pulse amplitude multiplex\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 14:42
S78	1301	clock signal same (data signal or signal channel) with multiplex\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 14:44
S80	689	clock signal with (data signal or signal channel) with multiplex\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 14:46
S81	237	clock signal with (data signal or signal channel) with multiplex\$3 and optic\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 14:46
S82	41	S81 and (optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 16:55
S83	2	("6587062").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/14 16:53
S85	4	("3611332").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/14 15:52
S86	4	((("6587062") or ("4253048"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/14 16:54
S87	0	S86 and (thyristor or triac)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 16:53

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S88	2296	(thyristor or triac) and (optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 16:55
S89	93	(thyristor same triac) same (optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 17:57
S90	62	(thyristor same triac) same (photocoupler or optocoupler or photo-coupler or opto-coupler)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 16:56
S91	440	(optical coupler or optical isolator or optoisolator or photocoupler or optocoupler or photo-coupler or opto-coupler) and (398/98,77,101 or 378/110 or 250/551)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 18:04
S92	4	((("5883395") or ("4847507"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/14 18:03
S93	5	S91 and (time-division or time devided or level-coupling or level coupled or (amplitud\$ or intensity) modulats\$ multiplex\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 18:09
S94	31	S91 and (multichannel or multi-channel or multiple channel or two channel or several channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/14 18:09